

# ELECTRICAL ENGINEERING®

Nodlaig Mhaith Chughat!

IEEE SOCIETIES. In recent years each IEEE Board of Directors (BofD) has made a significant change in the Institute's organizational structure. In 1967 the Educational Activities Board (EAB) was formed; in 1968 the Regional Activities Board (RAB) was established; in 1969 the Groups were clustered into Divisions. With 1970 come three IEEE Societies.

The first three to be authorized are: IEEE Computer Society, IEEE Power Engineering Society, and IEEE Control Systems Society. The November BofD changed the title of Bylaw 405 to read Groups and Societies, and revised 405.1 to read: "1. There shall be established within the scope and objectives of the IEEE groups of members interested in specific technical fields or related subjects, designated as Groups. With the approval of the IEEE Board of Directors there may be established IEEE Societies, to which shall apply all the Bylaws, policies, rules and procedures applicable to the IEEE Groups, provided that any future new or amended Bylaws, policies, rules and procedures specific to such Societies shall take precedence. Where appropriate, present references to Groups in IEEE documents and forms shall apply to the Societies." BofD looks upon this as an enabling Bylaw, to be replaced or supplemented early in 1971 by others which will clarify the differences between Societies and Groups. An article on Societies is scheduled for Spectrum, January 1971.

Granting of Society standing to the initial Groups involved is in recognition of the magnitude of their achievements to date as Groups, their stability, vigorous memberships, and future prospects.

## NEEDLES AND PRODS

GIVE 1971 APPOINTMENTS PRIORITY. First order of business in December is for incoming or holdover chairmen of Groups, standing committees, and those few Sections which operate on a calendar year, to fill the complement of appointments of chairmen and members of subsidiary functional committees, so that names may be announced in early January for quick change of command. By Jan. 6 BofD and its Executive Committee (ExecCom) will have finished a 9-months' process of selecting IEEE standing committee chairmen and members. Guard now against failure of those so chosen to organize locally—in December if not already done.

1970 YEAR-END REPORTS DUE. Section meeting reports are due at the end of the year. (See E. E. Oct., p. 4.) Deadline for submission to obtain meeting credits is Mar. 1.

Annual Section financial reports as of Dec. 31 are due before Mar. 1 from all Sections, Regions 1 to 10. (See Statement of Policy #11-C.) In U. S. Regions 1 to 6, returns should be made on forms provided: Section financial returns are vital to preparation of IEEE's consolidated Federal Information Return.

Group chairmen prepare annual reports for the Technical Activities Board (TAB) chairman. This year more emphasis is being placed on goals and long-range planning.

Bylaw 407.10 requires a financial statement from each Student and Student Associate Branch to the General Manager in January. . . Statement of Policy #21-B requires appointees to outside organizations, for each year of appointment (usually a calendar year), to make a brief letter-report to the chairman of the Inter-society Relations Committee (ISRC), summarizing activities.

YEAR'S-END IS THE TIME for outgoing, incoming, and holdover chairmen cooperatively to review, take stock, and plan:

PRESIDENT, VICE PRESIDENT, 1972. A reminder that Feb. 1, 1971 is deadline for recommending candidates for 1972. (See E.E. Oct., pp. 2, 4A-4B.)

In Jan. '71, the TAB Staff Secretary will be issuing a call for nominations by chairmen and members of Groups and Societies in two Technical Divisions which, in 1971, will be electing Divisional Directors for terms in 1972-73 (Bylaw 201.2). Deadline is Apr. 30.

#### CHALLENGES AND OPPORTUNITIES

NEXT YEAR'S AWARDS. It is the duty of every IEEE member and organizational unit to see that outstanding people are given proper recognition for accomplishments. It is up to the one who "knows all about the candidate" to initiate the nomination rather than assume that some one else has nominated him.

The annual call for nominations for Medal of Honor, Major Medal, Field, and Prize Paper Awards appears on pages 104-105 of Nov. '70 Spectrum. Information and forms (specify the award), Una Lennon:

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E.E. is sent without cost beyond dues to officers of IEEE Groups, Committees, Boards, Councils, Conferences, Regions, Sections, Subsections, Chapters, and Branches of IEEE. Second-class postage is paid at New York, N. Y.

1971 CANDIDATES FOR FELLOW. The Fellow Committee will reorganize in Jan. '71 to receive proposals from the field—due Apr. 30—for elevations to Fellow grade, effective Jan. 1, 1972. For full particulars see pp. 4A-4B of this E.E.; also Spectrum, Nov. '70, p. 106. (Copies of material, kits, etc., Emily Sirjane)

HOSTING VISITORS FROM ABROAD. Fellow-members from overseas are always welcome, and, as may be hoped, they often come at Convention time. But as a service to IEEE units anywhere, in the U. S. or elsewhere, E.E. again circulates Guidelines and the applicable Statement of Policy #2-Q on pp. 4C-4F of this issue. (Information, additional copies, Jack Kinn)

#### TOP-SIDE DEVELOPMENTS

INCOMING IEEE OFFICERS, DIRECTORS. The next BofD and ExecCom takes office Jan. 6, 1971. In Nov. '70, BofD declared for the tellers that 8 Directors had been duly elected by the members: James H. Mulligan, Jr., President '71 (Director '71-73, holding office as a Past President '72-73). . . Robert H. Tanner, elected-Vice President, Director '71 (chairman RAB '71). . . Four Regional Directors '71-72: Region 2, George Abraham; 4, Hansford W. Farris; 6, John J. Guarrera; 8, Paul G. A. Jespers. . . Two Divisional Directors: Division 3, William T. Carnes, '71-73; Leo Young, '71-72.

The 8 named, plus the 6 Directors-at-Large and 5 Regional Directors hitherto elected for terms which include 1971 (see box, E.E. Feb. '70, p. 8) are the 19 Delegates to the annual Assembly, which meets Jan. 6, 1971. Thus all 19 Delegate/Directors to the Assembly are elected officials—none appointed. As the Assembly they will name 8 additional Directors-at-Large for 1-year terms, 1971, thus accounting for

the BofD's full count of 27 Directors. Of the 8 named, one will be designated Vice-President—Technical Activities; a 2nd, Vice-President Publication Activities; a 3rd will serve in '71 the first year of a 2-year term representing Region 10; a 4th will become chairman of the Awards Board; a 5th, chairman of the Educational Activities Board (EAB); a 6th will be named Vice Chairman of TAB.

AN ORIENTATION session for Regional Directors-elect was held in conjunction with BofD's meeting in Florida in November. Invited to participate as "observers" at the last BofD meeting of the year, not only did the Directors-elect see their predecessors in action but were themselves made subject to a forced feeding of elementary IEEE by experts. Such orientation workshops are gaining in popularity throughout the organization—recent example, NEREM Boston, Nov. 5. (E.E. Feb. '70, p. 6; information, Emily Sirjane)

BYLAW CHANGES. It is planned soon to reissue and mail Bylaws effective November 11, 1970. (Copy—after Dec. 15, please—Betty Stillman)

Current Bylaws are dated Mar. 26, '70. Changes therein were reported in E.E. Oct., pp. 4A-4B. (The Constitutional Amendment contingency (head col. 2, p. 4A) has since been satisfied by vote of members.)

Further Bylaw changes were made by BofD Nov. 10-11. They may be epitomized: 1) IEEE Societies. See lead article, para. 2. Bylaws affected: 405; 405.1. 2) Awards Board. Changes largely a result of decennial review (E.E. June '69, p. 4). . . Board's responsibilities restated; size, composition changed. . . New committees of Board created: on Group Awards, and Candidate Research. . . Field awards to be recommended by a single committee; Group Awards Committee to supervise policies relating to Group, Conference, Region, Council, and Section awards; duties of Candidate Research Committee not yet in Bylaws, but main function may be to seek ways of stimulating the IEEE membership to submit nominations

for awards under Awards Board purview. . . Honors to be categorized as Medals, Awards, Prizes. . . Diamond and Liebman awards broadened in applicability. . . Prize Papers procedures modified. . . Decennial review clarified on basis of experience. . . Bylaws affected: 305; 305.1, 3, 4, 6, 7 (new), 8 (old), 10 (old). 3) Students. See 4) and 5). 4) RAB. Responsibilities restated. . . membership expanded to include (non-Director) standing committees; committees named. . . Changes to transfer Student Activities Committee (SAC) from EAB to RAB. . . Liaison with EAB on Student matters. . . Delegation by BofD to RAB of certain former ExecCom Student responsibilities adds Student Branches to entities under RAB. . . Bylaws affected: 309; 309.1; 309.2 (new); 309.2 (old, renumbered); 407.3 to 407.8, incl.; 407.12; 407.13. 5) EAB. Responsibilities restated. . . Liaison with RAB on Students. . . Bylaw affected: 307.1.

INFLUENCING LEGISLATION. Read President Granger's article in Spectrum, Nov. '70, pp. 32-33. Among other things he says that, for IEEE "to assert technical expertise or institutional solidarity as a basis for special influence in the choice of national goals and priorities—which is inescapably a political choice—would impoverish, not enhance, the professional recognition the public extends to engineers." (Underlines supplied—Ed. E.E.)

UNEMPLOYED IEEE MEMBERS. As noted in E.E. Oct., p. 1, BofD is aware of and concerned about the number of members becoming unemployed. President Granger's article in November Spectrum (pp. 32-33) was by chance in apposition to a reader's letter on job-seeking, printed in Forum, (p. 8). A series of job-opportunity workshops is being developed under the auspices of the U. S. Department of Labor. As soon as particulars are made known, IEEE will bring them to the attention of Section chairmen for publicizing.

NOVEMBER SPECTRUM picked up additional skeins of a weave traceable

through recent issues of E.E. . . E. W. Herold, writing in Spectral Lines (p. 31), on human values in electrical engineering (cf. E.E. Aug., p. 1; Oct., p. 2), emphasized the need of including them in any "technology assessment" of new inventions and developments; also IEEE's need to develop relations with professional societies in the behavioral sciences. (Cf. Granger, E.E. June, p. 1). . . Staff writer Gordon Friedlander was represented by a wide-ranging article on "Power, Pollution, and the Imperiled Environment." (Cf. E.E. Aug., p. 1.) . . Don Fink (p. 34) discharged his assignment of a state-of-the-art study of pension plans for IEEE members, especially portable pensions (E.E. Apr., p. 5; Aug., p. 2).

"INSIDE IEEE." This new interpretive column is appearing in Spectrum this month (December) for the first time, as forecast in E.E. Oct., p. 1. As a new monthly means of direct communication with individual IEEE members, the significance of Inside IEEE deserves special announcement at Section and other meetings.

THE CONSTITUTIONAL AMENDMENTS voted on by the membership were adopted severally by votes in the range of 29,456-30,178 for, to 727-1,803 against. Some amendments will call for accompanying changes in Bylaws, especially those pertaining to schedules. Revision of the Calendar of Elections and Appointments has been held in abeyance awaiting outcome of the voting.

FELLOW ELECTIONS based on 1970 nominees were announced by BofD in November. Presentations to 123 (including a woman-first Fellow) will take place at Section ceremonies, with additional recognition at the March Convention banquet. (Copy of list, Emily Sirjane)

CHANGES RELATED TO 1971 BUDGET. Difficulties met in October in balancing the tentative 1971 Institute budget were made the concern of the Finance Committee, Executive Committee, and Board of

Directors at meetings Nov. 10-11. Reluctantly it was determined that it would be necessary, effective as of Dec. 7, to make some cutbacks in personnel in all departments of the headquarters staff and to take steps to minimize expense in other areas of IEEE operations.

The Student Journal will not appear after the November issue. Instead, Students will receive Spectrum, in which, beginning early in 1971, news and other material of particular interest to Students will be printed. The decision to discontinue Student Journal was based in part on the fact that, in the past, about half the Student membership have chosen to receive Spectrum rather than Student Journal.

IEEE's Information Services Department is being discontinued, and its development program stopped. Responsibilities for Transactions Indexing are being transferred to E. K. Gannett, and marketing activities to W. J. Hilty. IEEE REFLECS tapes are being withdrawn from the market; arrangements have been made to meet the needs of REFLECS tape customers with INSPEC tapes directly from the IEE in London, England. IEEE will continue to market and handle subscriptions to Science Abstracts (Series B & C) in the Americas. These journals include Electrical & Electronics Abstracts, Computer & Control Abstracts, Current Papers in Electrical & Electronics Engineering, and Current Papers on Computers & Control, all jointly published by IEE and IEEE.

#### PUBLICATION NEWS

PUBLISHING SERVICES. William J. Hilty, Director of Convention and Exposition Services since Jan. '70 (E.E. Dec. '69, p. 8), will become Director, Publishing Services, Jan. 1, 1971. He will continue with his Convention - Exposition duties.

In his new post Bill will assume responsibility for publishing activities for Spectrum and the Proceedings and for some 20 other Institute publications. Ralph Flynn will return to his consulting practice at the end of this year.



## NOMINATION OF CANDIDATES FOR FELLOW OF IEEE

April 30, 1971 has been established as the deadline date for completed nominations of candidates for Fellow grade of the IEEE.

The IEEE Bylaws define the qualifications for this grade as follows: "The grade of Fellow is one of unusual professional distinction and shall be conferred only by invitation of the Board of Directors upon a person of outstanding and extraordinary qualifications and experience in the fields of electrical engineering, electronics, radio, allied branches of engineering or the related arts and sciences, who meets the requirements for Senior Member as stated in these Bylaws and who has been a member in any grade for a period of seven years preceding the year of nomination, except that the seven-year provision in any individual case may be waived for cause by the Board of Directors."

A Fellow grade nomination form and a minimum of five confidential Fellow grade reference forms must be submitted by the deadline date of April 30, 1971. Appraisal of candidates to determine their order of qualification is based solely upon the information submitted. This makes careful and complete preparation of all forms essential if each candidate is to receive the highest appraisal to which he is entitled. The duty of the Fellow Committee is to recommend to the Board of Directors, from those presented to it, the most deserving candidates (up to a maximum number allowed under the IEEE Bylaws). To assure objectivity, the accomplishments of each candidate are appraised in a number of reasonably well defined categories (more fully described in the next paragraph).

It is of prime importance to read the "Guide for IEEE Fellow Grade Nominations" and the "Handbook--Fellow Grade Nominations" before serious consideration of possible nominees. These publications assist in the effective preparation of nominations. Following are the criteria upon which nominations are appraised; all are important; those of primary emphasis are listed first: technical contributions, theoretical or practical; personal distinction earned, as evidenced by positions held, operational as well as technical; output of technical papers and patents; evaluations by confidential references; duration of particularly distinguished professional activity in positions of major responsibility; duration of active participation in the profession; service to IEEE and its predecessor societies; additional support of the nomination by an IEEE organizational unit, such as Section, Group, etc.; and service to the engineering community, broadly interpreted, other than through IEEE.

To insure receipt of the required number of references by the April 30 deadline, some sponsors have found it desirable to solicit as many as seven or eight references; others have followed the excellent plan of monitoring

the responses by requesting those named as references to indicate, on a postal card supplied by the sponsor, the date when the form was completed and mailed to the Fellow Committee. All qualified reference forms submitted on behalf of a Fellow grade candidate are considered by the Fellow Committee.

When the nomination has the formal support of a Section, Group, or organization of equivalent standing (or more than one of these), the candidate's competitive position will be enhanced only if such additional support is documented by a separate written statement from each entity to the Fellow Committee, signed by an appropriate officer. The statement (which is in addition to the five reference forms) should be concise and yet provide all relevant facts in support of the nominee; it must be received by the Fellow Committee by the April 30 deadline.

Should a sponsor of a candidate outside the United States and Canada (i.e. Region 8, 9 or 10) certify that he is unable to furnish the names of five Fellow grade references on the nomination, the Fellow Committee may, in its discretion, accept references from other IEEE members, preferably Senior Members, who are engineers or scientists of recognized standing.

The number of nominations received each year far exceeds the number of new Fellows permitted by the IEEE Bylaws. Inevitably, favorable action on a large number of nominations is impossible. In these cases the proposer (not the nominee) is notified. Such candidates are not reconsidered in a subsequent year unless a new, updated nomination form is submitted by the regular deadline date. Likewise, new written statements of support by a Section, Group, etc., must be filed by the regular deadline date. Reference forms submitted on behalf of a candidate are acceptable to the Fellow Committee for a period of three consecutive years, including the year of original submission. However, new reference forms may be submitted. All qualified reference forms submitted on behalf of a candidate are considered. Members of the Board of Directors, IEEE Regional Committees, the IEEE Staff, or the Fellow Committee are not eligible to serve as references on a Fellow grade nomination.

All information furnished on behalf of a candidate must be typewritten so that legible copies can be duplicated and furnished to all members of the Fellow Committee.

The Handbook and Fellow grade nomination kits are available from Miss Emily Sirjane, IEEE Staff Secretary of the Fellow Committee. These kits contain an FC-1 form, seven reference forms, seven reference envelopes, and a copy of the "Guide for Fellow Grade Nominations."



## GUIDELINES FOR ARRANGEMENTS FOR INVITED VISITORS TO THE UNITED STATES FROM THE SOVIET UNION AND EASTERN EUROPEAN NATIONS

Visits of United States citizens to other countries, and of citizens of other countries to the United States, constitute an important element in IEEE relations between the countries involved. They can contribute significantly to the increase in scientific and technological understanding that we seek. The following guidelines have been established to provide a basis for furthering this increase in scientific and technological understanding. They were developed specifically to facilitate an exchange of visitors between the United States and the Soviet and Eastern European Nations, but they may serve as useful guidelines in other situations.

In the case of Soviet and Eastern European visitors, the role of the United States Host (sponsor) is central to the success of the visit and its contribution to the objectives of the special exchange program, now being carried on by the IEEE within the framework of the formal exchange program in effect between these countries and the United States. The ISRC Subcommittee on Cultural and Scientific Exchanges Between the United States and the Soviet Union and Eastern European Nations has been established to ensure that such exchanges are properly carried out and should be called upon for advice about proper procedures to follow in making suitable arrangements. The Secretary of this Subcommittee is responsible for maintaining current awareness of activities in this area.

If he is to fulfill his role, the Host must be prepared to assume a number of responsibilities in cooperation with the cognizant IEEE committees and Institute staff and, when required, with the departments of the United States Government that are engaged in operating the exchange program or are effected by it.

The Host is expected to do the following:

### A. Invitees from Countries Other than the Soviet and Eastern European Nations

Consider such factors as: previous history of invited visits by citizens of that country; their proposed itinerary; local facilities available for entertaining them; providing suitable interpreters, etc. in arriving at an overall plan to make the visits as mutually satisfactory as possible. The IEEE International Convention Reception Committee may be able to offer advice and help.

B. Invitees from Soviet and Eastern European Nations to the United States

1. Consider the responsibilities outlined in "A" above.
2. In order to facilitate the issuance of a visa, communicate with the secretary of the ISRC Subcommittee on Cultural and Scientific Exchanges between the United States and the Soviet Union and Eastern European Nations as early as possible and provide the full name, address, and, if available, the date and place of birth of the prospective visitor. The secretary, in turn, will then communicate this information to the U.S. Department of State, which will set in motion the machinery for consideration of the visitor as a special case under the provisions of the McCarran Act.\*
3. Arrange in advance with the ISRC Subcommittee on Cultural and Scientific Exchanges between the United States and the Soviet Union and Eastern European Nations and the U.S. Department of State the itinerary that the visitor will follow in the United States. Every effort should be made to include in his itinerary as many visits of interest as the Host resources and the U.S. Government restrictions allow.
4. Arrange for the visitor to be met at the port of entry into the United States (usually New York), and assist him during his visit in this country, and see him off upon departure. This activity should be accomplished with graciousness and hospitality -- not with the attitude of policing the visitor.

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\* It should be noted that, under the provisions of the Immigration and Nationality Act of 1954, specific approval of the Attorney General of the United States is required for the entrance into the U.S. of any individual who has received a visa by virtue of waiver of the regular provisions of this act and that a formal report on each such exception must be made to the Congress of the United States.

5. Engage the services of an American travel agency, if necessary, to assist in arranging transportation, hotel and any necessary interpreter facilities for the visitor. If such an arrangement is made with the travel agency, the sponsor should make sure that the travel agency is aware of these responsibilities.
6. Insure that the visitor follows the agreed itinerary and does not deviate from it without prior consultation between the Host and the U.S. Department of State. When any deviations are requested by the visitor, the Host should try his best to secure permission for such deviations, provided they conform with the spirit of the exchange and do not violate security regulations.
7. Consult with the ISRC Subcommittee on Cultural and Scientific Exchanges between the United States and the Soviet Union and Eastern European Nations and the U.S. Department of State before making any changes in the itinerary, including additional professional visits, new routing, new scheduling, or requests for extensions of authorized stay in the United States.
8. Write to the U.S. Department of State, copy to the secretary of the ISRC Subcommittee on Cultural and Scientific Exchanges between the United States and the Soviet Union and Eastern European Nations, to confirm the departure of the visitor and to describe any special problems that may have arisen.

It is IEEE policy to make the stay of all invited visitors as enjoyable and rewarding as possible. In no instance should the IEEE impose limitations on length of visits or freedom of access and mobility beyond those imposed by U.S. Government regulations. The Host is expected to exercise good judgment in applying the principles set forth in the foregoing.

## POLICY STATEMENT 2-Q

### HOSTING INVITED FOREIGN VISITORS

The use of conference funds for the purpose of hosting foreign visitors, who are specially invited to participate in IEEE-sponsored meetings or conferences, are a legitimate conference expense if the conference chairman deems such activity to be beneficial to the objectives of the meeting. Such support, excluding travel expenses, should be included in the conference budget submitted for the approval of the General Manager. When such a budget item is requested, the chairman of the conference should establish a committee specifically charged with the responsibility of acting as host to these visitors.

DISCOUNTS ON PUBLICATIONS to colleges and libraries will be eliminated, effective with 1971 subscriptions; and the agency discount will be made the same for new subscribers and renewals.

VOLUNTARY PAGE CHARGES. Effective means are sought to make them more voluntary. Vice President Van Valkenburg reported that there is only a 43% return on voluntary page charges. The Publications Board is adopting measures leading to more general acceptance of the principle, including letters requesting it, addressed to companies' high-level personnel.

E. E. readers can assist by saying a good word for it when opportunity offers.

### EDUCATION NEWS

RE-TRAINING OF IEEE MEMBERS. The thinking of EAB is reflected by a statement of its chairman, Dr. John G. Truxal, to ExecCom in September: "Short courses and tape-slide presentations do not help re-train a member for anything significant. It is deceptive to "imply" that computer programming can be taught in three weeks. The only way really to re-train a middle-aged man is to give him the equivalent of a year of study. EAB can help by urging universities to organize re-training programs."

The reader will distinguish between re-training a man (the subject of Director Truxal's quoted statement) and offering him supplementary (i. e., continuing professional) education. The latter is a primary function for IEEE to discharge in the several ways EAB and the PUB Board have adopted.

(Note—Directors are always glad to get direct field comments on statements attributed to them—necessarily abbreviated in E. E., hence, as in this case, out of context.—Ed.)

IEEE SOUNDINGS. The Jan. '71 edition of the tape-cassette Continuing Education Service will be on "Electronics in Commercial Aviation."

If your Section or Chapter likes to be fustest with the mostest, have a cassette

available for turning on before the meeting or during coffee-and-doughnuts. There is understandable reticence in plunking down \$26 sight-unseen and glory-unheard; but with Section help a man well might conclude "This is for me."

"DIAL ACCESS" INFORMATION (E. E. Oct., pp. 4, 4E) is "going great guns" in its initial test in the metropolitan New York area only. Opened November 16, this playback service via phone is generating hundreds of calls a week. See details overleaf and also in December Spectrum, this will be suitable for reproduction in your publications—further information Jack Kinn.

### COMMITTEE NEWS

CHAIRMEN—BOARDS AND COMMITTEES. While not actually appointed until the 1971 BofD and ExecCom meet Jan. 6, 1971, the recommendations (as information only) of the 1970 BofD were as follows:

Fellow, Martin Graham; Life Member Fund, F. E. Terman; Tellers, F. P. Farinella.

Similarly, recommendations of 1970 ExecCom were as follows: Admissions & Advancement, J. E. Casey; History, Charles Susskind; Membership & Transfers, W. L. Sullivan.

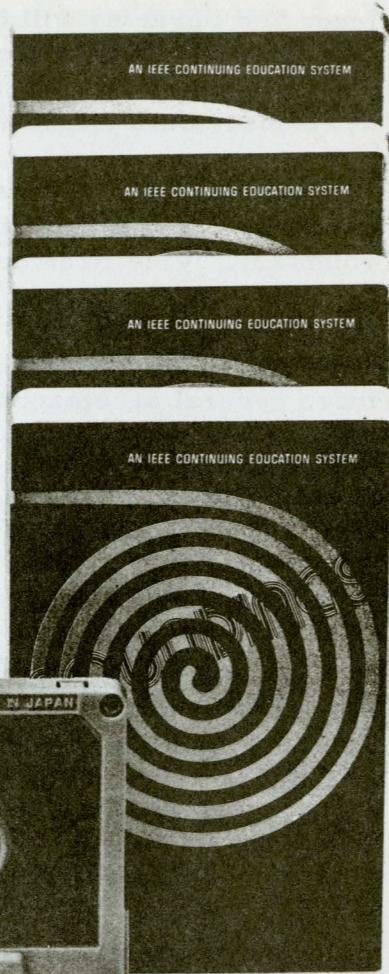
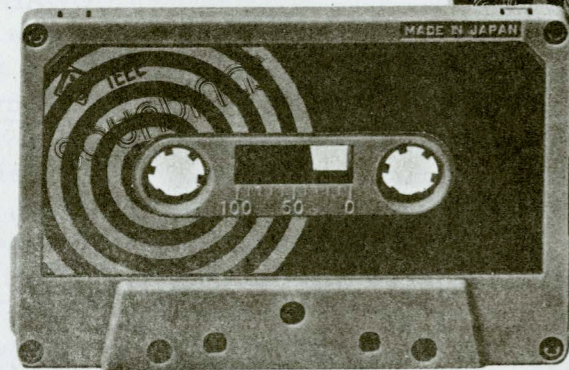
Other chairmanships are governed by Assembly designation or by Bylaws 305-311.

COMMITTEE MEETING TRAVEL EXPENSE. IEEE is a tax-exempt organization described in section 501 (c) (3) of the Internal Revenue Code, to which cash contributions are deductible (subject to certain limitations) for federal income tax purposes.

If an IEEE committee member incurs out-of-pocket travel expenses in order to attend an IEEE committee meeting and he is not reimbursed by either his company or the Institute, such unreimbursed expenses may be deductible in whole or in part for federal and/or state income tax purposes.

IEEE's counsel recommend that all affected committee members consult their individual tax advisors for instructions on this matter.

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The first subject in a wide range of topics ... available October 1, 1970 ... will be "Systems Engineering: Art, Science and

Politics," with panelists—The Honorable R. A. Frosch, Assistant Secretary of the Navy, Research & Development, Harry I. Davis, Deputy Undersecretary of the Air Force (Systems Review), Robert E. O'Donohue, Office of the Secretary of Defense (Defense Research & Analysis) Harold Chestnut, Manager Systems Engineering & Analysis General Electric Company, Randolph L. Houlton, Manager Advance Automation Systems General Electric Company, Eugene Fubini, Consultant, J. A. Baird, Vice President Bell Telephone Labs, W. A. Douglass, Chairman Careers, Inc. and H. A. Manoogian, Guest Editor.

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THE JOINT TECHNICAL ADVISORY COUNCIL (JTAC) recently informally briefed FCC Chairman Burch, the FCC Commissioners, and Dr. Whitehead, the Director of Telecommunications Policy, at the Commission Headquarters in Washington, D. C. The briefing dealt with the areas of activity having a mutual interest to the OTP, the Commission, and the JTAC in the field of spectrum engineering and utilization. Recognizing the considerable amount of work being done by both the FCC and the OTP consistent with earlier recommendations, the members of the JTAC expressed their views on how further to implement the program.

LIFE MEMBER FUND at Jan. 1, 1969 and 1970 may be found in Spectrum: June '69, p. 93; June '70, p. 86. (Inquiries, contribution cards, Bill Keyes)

INTERNAL COMMUNICATIONS COMMITTEE, established in 1966, will terminate its activities at the end of this year. Matters heretofore assigned to it (Bylaw 311.5) will be handled by ExecCom on an ad hoc basis. The Committee's supervision of E. E. will become an IEEE staff function under Jack Kinn.

## CONFERENCE NEWS

MARCH 1971 CONVENTION is reaching final shape. Rallying points are: updating opportunities; special-interest viewing; and "the gathering of the clan." Reminder ads have been prepared in various sizes, to be run in Jan., Feb., and March issues of Section and Group bulletins and newsletters. (Chairman, please note.) Your Editor may have received offset repro proofs direct by now. If not, material for running on a complimentary basis is available upon request. (Bill Hilty)

TRANQUILITY AMID TURBULENCE. In response to requests, Tech Talk Centers will be established on exposition floors, where engineers may sit comfortably and talk. Heretofore there has been no suitable place to accomplish this. These centers will be checked periodically to

make certain that they are not being used for sales, recruiting, or job solicitation. No tables, beverages, food—just good places to exchange ideas and conversation.

EUROCON 71. Ordinarily E. E. does not give notice of IEEE conferences because of space limitations, and splendid coverage in Spectrum. We here make an exception of Eurocon 71, the first Region 8 Convention, Lausanne, Switzerland, Oct. 18-22, 1971. Official language, English. See E. E. Oct., p. 4J; spread in Spectrum, Oct., p. 106. (Further information, Ed MacDonald)

## REGION, SECTION, AND CHAPTER NEWS

IN EAB'S CONSIDERED OPINION, expressed in a report to ExecCom in September, "the value of IEEE to the individual member must be based primarily on "local" program offerings, where "local" refers to geographical or technical specialization. This concept is especially valid. . . in educational efforts. The Section or Chapter is uniquely able to match its educational programs to the needs and interests of its memberships."

What Section? What Chapter? Yours? Fourteen distinguished members of EAB—experts in their line—have pinned a medal on your chest! Do you measure up to it?

AID IN OBTAINING REFERENCES on membership applications in countries outside U. S. It has been agreed by RAB that if a potential member experiences any problem in complying with Bylaw 106.2 (furnishing a required number of references of specified grades), his application will be referred to the Regional Director for assistance in obtaining the necessary signatures.

## "FOR YOUR INFORMATION"

ERSTWHILE TOILERS. January turnover inevitably sees departures of personnel—a pool of talent not to be overlooked when there are tasks to be performed.

To keep these erstwhile toilers up to date, and as a token of esteem for past

service, E. E. will continue personal mailings throughout 1971 upon request. (Audrey van Dort)

U. S. HOLIDAYS IN 1971. E. E. got caught off base two years ago by prematurely "scooping" new U. S. holidays. This time it's for real. Geo. Washington is changing his birthday to the 3rd Mon. in Feb.; Columbus will discover America on the 2nd Mon. in Oct., etc., etc., etc., so that employees may count on five 3-day week-ends, Sat. to Mon., inc., in '71 and thereafter. . . Holiday calendar for IEEE headquarters in 1971: Jan. 1, Feb. 15, May 31, July 5, Sept. 6, Oct. 11, Nov. 2, 25, 26; Dec. 24, 31. Easter '71 falls on Apr. 11. . . Reminder to conference-symposium date-makers: Watch your step!

NECROLOGY. Staff member Edward C. Day, who served IEEE 22 years as Secretary of the Technical Program Committee and Manager of Production for the forthcoming IEEE Dictionary, died suddenly Oct. 2 at age 58. ExecCom's resolution expressing sympathy to his family noted that "he played an instrumental role in the process by which the Institute disseminates vital technical information. . . He will long be remembered by countless authors, committee members and colleagues."

WELCOME ABOARD!

New Section—Lafayette Section, formerly a Subsection of Baton Rouge Section (Louisiana)

New Group Chapters in Sections

<u>Section</u>	<u>Chapter</u>
Atlanta	Industry & General Applications
Dallas	Circuit Theory
Fort Worth	Joint: Computer Automatic Control
Houston	Joint: Antennas & Propagation; Electron Devices; Microwave Theory & Techniques; Magnetics
Lehigh Valley	Joint: Computer; Industry & General Applications
Palm Beach	Power
St. Louis	Joint: Circuit Theory; Information Theory; Communication Technology; Automatic Control
Toledo	Industry & General Applications
Toronto	Joint (formerly separate): Vehicular Technology Communication Technology

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